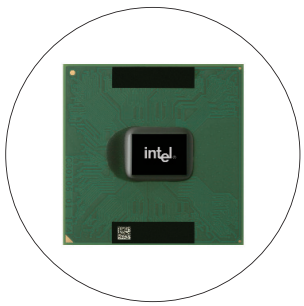
Product Brief

Intel® Celeron® M Processor

The Intel® Celeron® M processor is based on an architecture designed specifically for mobile computing applications.

The Intel® Celeron® M processor delivers a balanced level of good mobile performance and exceptional value in sleeker, lighter notebook designs. This processor line represents the latest Intel architecture for the mobility value-oriented PC market segment.

The Intel Celeron M processor is built on Intel's 90nm process technology, and features 1 MB of L2 cache and a 400 MHz processor system bus. It supports advanced mobile power management, including the Deep Sleep state, which conserves battery life by minimizing processor power consumption during brief periods of user inactivity. Lower power consumption enables sleeker, lighter notebook designs. The processor is compatible with the Intel® 855 and Intel® 915 chipset families. It is also compatible with the Intel® 852GM and Intel® 910GML chipsets to enable a cost-effective, scalable platform for system manufacturers.



Intel® Celeron® M Processor Features and Benefits

Designed for Notebooks

Feature	Benefit
90nm and strained silicon process technologies	Enables good mobile performance and allows more frequency headroom
Second-generation Streaming SIMD Extensions (Streaming SIMD Extensions 2)	Improves performance and allows software compatibility with previous Intel® microprocessor generation
Processor low-power states C1, C2 and C3 (Deep Sleep)	Lowers CPU power consumption/dissipation to conserve battery life
Micro FCPGA packaging technology	Optimized for a range of thinner, lighter designs, including <1" thick
Support for Intel® Mobile Voltage Positioning (Intel® MVP IV)	Dynamically lowers voltage based on processor activity to lower thermal design power, enabling smaller notebooks
Lower core voltage – 1.356 V low-voltage operation and 24.5W thermal design power	Lower thermal dissipation enabling thinner notebooks

Intel® Celeron® M Processor Specifications

Features		
Processor number	340[1]	350, 360 and 370[1]
90nm process technology	No	Yes
On-die L2 cache	512 KB	1 MB
Processor system bus	400 MHz	400 MHz
Processor frequency	1.50 GHz	1.30 to 1.50 GHz
Second-generation Streaming SIMD Extensions (Streaming SIMD Extensions 2)	Yes	Yes
Support for Intel® Mobile Voltage Positioning (Intel® MVP IV)	Yes	Yes

For more information visit: intel.com/products/notebook

[1] Intel processor numbers are not a measure of performance. Processor numbers differentiate features within each processor family, not across different processor families. See **http://www.intel.com/products/processor_number** for details.

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